

April, 2005 Mycobacterial Report

Laboratory Diagnosed Mycobacterial Infections in Wisconsin

| Mycobacterium species | | Brown | Dane | Eau Claire | Kenosha | La Crosse | Milwaukee | Outagamie | Racine | Waukesha | Winnebago | Wood | |
|---|-------|--------------|-------------|-------------------|----------------|------------------|------------------|------------------|---------------|-----------------|------------------|-------------|------------|
| <i>M. tuberculosis</i> complex | Pulm | | | | | | | 1 | | | 1 | | 2 |
| | Extra | | 1 | | | | 4 | | | | | | 5 |
| Total <i>M. tuberculosis</i> complex | | | 1 | | | | 4 | 1 | | | 1 | | 7 |
| | | | | | | | | | | | | | |
| <i>M. avium</i> complex | Pulm | 1 | 4 | | | 1 | 44 | | | | 5 | 1 | 56 |
| | Extra | | 1 | | | | 4 | | | | | | 5 |
| <i>M. gordonae</i> | Pulm | 2 | 8 | | 4 | | 17 | | 1 | | 2 | | 34 |
| | Extra | | | | | | 1 | | | | | | 1 |
| <i>M. abscessus</i> | Pulm | | 1 | | | | 3 | | 1 | | | 1 | 6 |
| | Extra | | | | | | 1 | | | | | 1 | 2 |
| <i>M. chelonae</i> | Pulm | | | | | | 1 | | | | | | 1 |
| | Extra | | | | | | | | | | | | |
| <i>M. fortuitum</i> group | Pulm | | | | | | 1 | | | | | | 1 |
| | Extra | | | | | | | | | | | | |
| <i>M. kansasii</i> | Pulm | | | | | | 1 | | | 1 | | | 2 |
| | Extra | | | | | | | | | | | | |
| <i>M. marinum</i> | Pulm | | | | | | | | | | | | |
| | Extra | | | | | | | | | | | | |
| <i>M. mucogenicum</i> | Pulm | | | 1 | | | 2 | | | | | | 3 |
| | Extra | | | | | | | | | | | | |
| <i>M. xenopi</i> | Pulm | | | | | | 5 | | | | | | 5 |
| | Extra | | | | | | | | | | | | |
| <i>M. scrofulaceum</i> | Pulm | | | 1 | | | | | | | 1 | | 2 |
| | Extra | | | | | | | | | | | | |
| <i>M. bovis</i> BCG | Extra | 1 | | | | | | | | | | | 1 |
| TOTALS | | 4 | 14 | 2 | 4 | 1 | 80 | 0 | 2 | 1 | 8 | 3 | 119 |

Extra-Pulmonary Sources of Isolation:

| | |
|--|---|
| <i>M. tuberculosis</i> Extra-pulmonary: | 3 lymph node, 1 neck mass, 1 retro-peritoneal |
| <i>M. avium</i> complex Extra-pulmonary: | 2 blood, 1 finger, 1 lung lesion, 1 paracentesis |
| <i>M. goodii</i> Extra-pulmonary: | 1 nasal |
| Other <i>Mycobacterium</i> species | 1 bovis BCG urine, 1 abscessus buttock, 1 abscessus elbow |

Wisconsin TB Isolations and Antibiotic Susceptibilities:

6 of the TBC isolates reported by Wisconsin laboratories this month were from Wisconsin TB cases. 1 case was from out-of-state.

4 of the TB isolates were susceptible to all first-line drugs tested.

1 isolate was resistant to INH (0.2 ug/ml and 1.0 ug/ml), rifampin and ethambutol. The isolate was susceptible to PZA.

1 isolate was susceptible to INH, rifampin, and ethambutol and resistant to PZA.

1 isolate was not tested (out-of-state).

Source: Mycobacteriology Laboratory Network Data Report, Wisconsin State Laboratory of Hygiene, Madison, WI.